ORDER NO. MB9710004S2

Service Manual

Supplement

Compact Disc Player

Compact Disc Player

SL-PS770D

COMPACT disc DIGITAL AUDIO

MASH* multi-stage noise shaping

※ • MASH is a trademark of NTT.

Colour (K)...Black Type

Areas

E .....Europe.
EB..... Great Britain.
EG..... Germany and Italy.

Please file and use this supplement manual together with the service manual for Model No. SL-PS770D, Order No. MD9704077A2.

PURPOSE: This supplement is intended to provide additional information or corrections to the existing service manual for model NO. SL-PS770D. Be sure to update your service manual for future reference.

- **Added**
  1. Precaution of Laser Diode
  2. Accessories
  3. Type Illustration of IC's, Transistors and Diodes
  4. Connections
  5. Caution for AC Mains Lead

- **Changed**
  1. Replacement Parts List
  * Change of Parts Supply Source
    (All parts are stated in the Parts List since many changed parts are included.)

⚠ **WARNING**
This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

Technics®

© **1997** Matsushita Electric Industrial Co., Ltd. All rights reserved. Unauthorized copying and distribution is a violation of law.

Precaution of Laser Diode [Addition]

CAUTION: This product utilizes a laser diode with the unit turned "on", invisible laser radiation is emitted from the pickup lens.
Wave length: 780 nm
Maximum output radiation power from pickup: 100 µW/VDE

Laser radiation from the pickup lens is safety level, but be sure the followings:

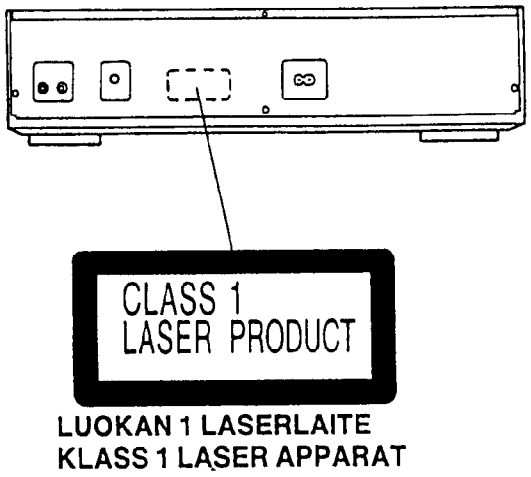
1. Do not disassemble the optical pickup unit, since radiation from exposed laser diode is dangerous.
2. Do not adjust the variable resistor on the pickup unit. It was already adjusted.
3. Do not look at the focus lens using optical instruments.
4. Recommend not to look at pickup lens for a long time.

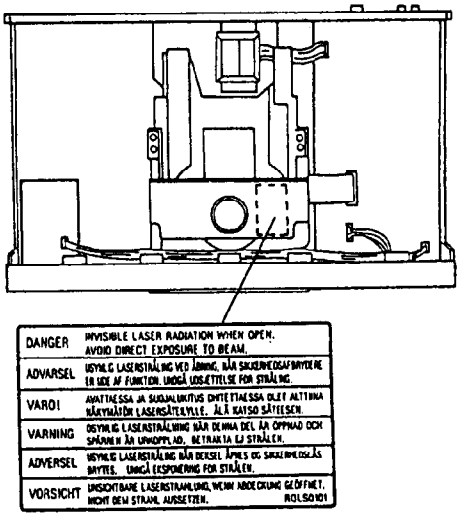
ACHTUNG: Dieses Produkt enthält eine Laserdiode. Im eingeschalteten Zustand wird unsichtbare Laserstrahlung von der Lasereinheit abgestrahlt.

Wellenlänge: 780 nm
Maximale Strahlungsleistung der Lasereinheit: 100 µW/VDE

Die Strahlung an der Lasereinheit ist ungefährlich, wenn folgende Punkte beachtet werden:

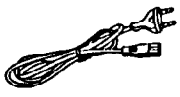
1. Die Lasereinheit nicht zerlegen, da die Strahlung an der freigelegten Laserdiode gefährlich ist.
2. Den werkseitig justierten Einstellregler der Lasereinheit nicht verstellen.
3. Nicht mit optischen Instrumenten in die Fokussierlinse blicken.
4. Nicht über längere Zeit in die Fokussierlinse blicken.





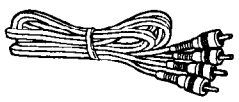
Accessories [Addition]

AC mains lead ..... 1 pc.
(For United Kingdom: RJA0044-C) (For others: RJA0043-C)

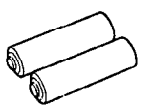


Remote control ..... 1 pc.
(EUR642101)

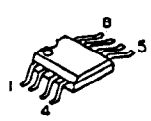
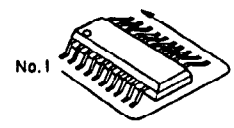
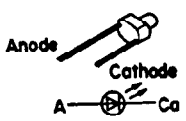
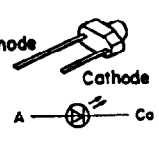
Stereo connection cable ..... 1 pc.
(SJP2249-3)



Battery for remote control ..... 2 pcs.
(UM-4, AAA, R03)



Type Illustration of IC's, Transistors and Diodes [Addition]

NJM4580EDTE1	SVIM5238FP 8 Pin	SLR325LCT31	SLR325DCT31 SLR-325MC
			

Connections [Addition]

Before making connections, be sure that the power of this unit and all other system components is first turned off.

Note

Although the figure above shows the AC Power cord being connected to a household mains outlet, if the amplifier (or receiver) is equipped with a mains outlet, connect the lead to that outlet.

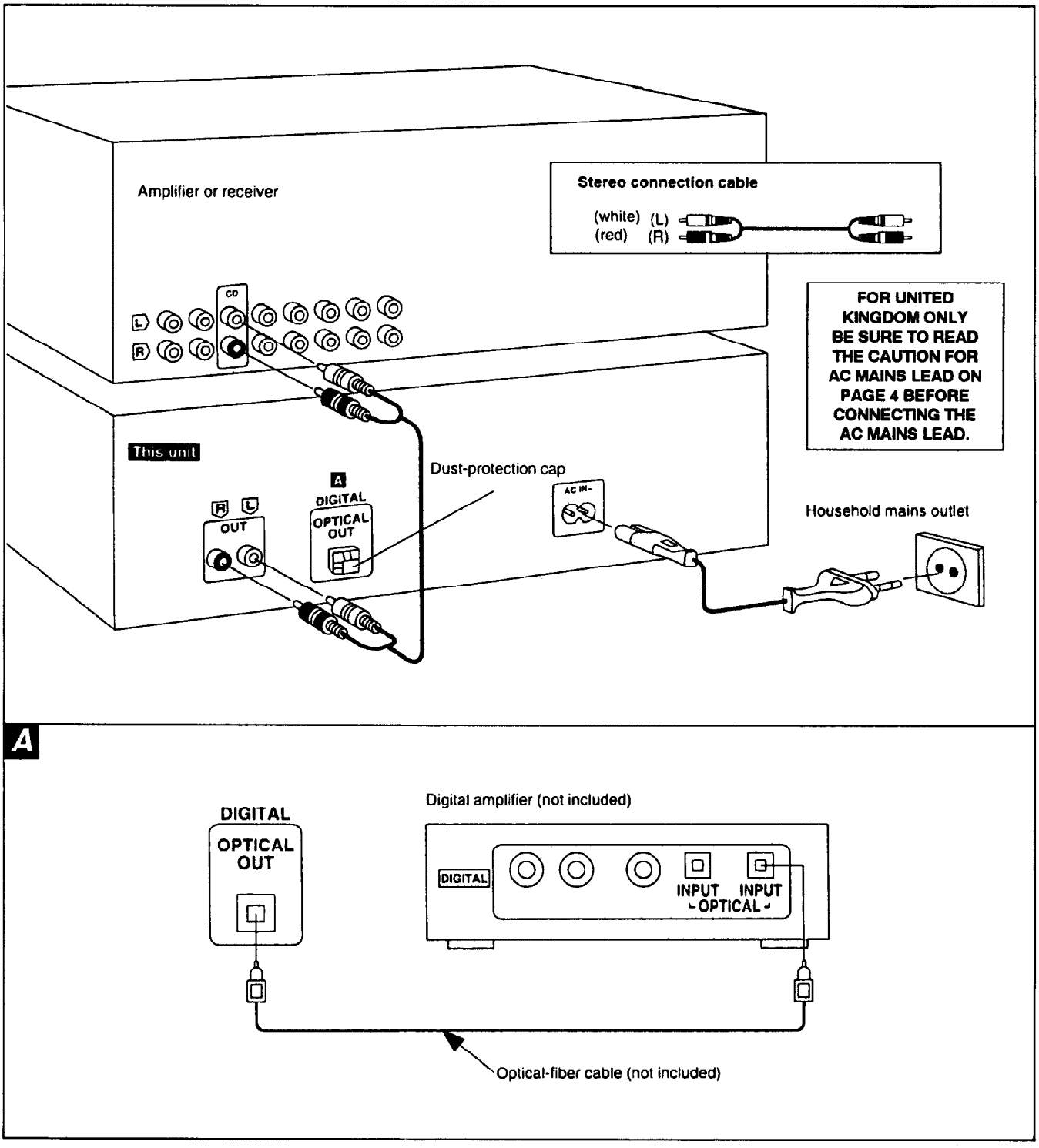
To connect the digital amplifier:

To connect the digital amplifier: A

Note

Remove a dust-protection cap which is inserted in DIGITAL OPTICAL OUT terminal only when you connect to the digital amplifier.

When this terminal is not being used, attach the cap as shown in the illustration above.



Caution for AC Mains Lead (For United Kingdom) [Addition]

("EB" area code model only)

For your safety, please read the following text carefully.

This appliance is supplied with a moulded three pin mains plug for your safety and convenience.
A 5-ampere fuse is fitted in this plug.
Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 5-ampere and that it is approved by ASTA or BSI to BS1362.
Check for the ASTA mark Ⓐ or the BSI mark ⓚ on the body of the fuse.

If the plug contains a removable fuse cover you must ensure that it is refitted when the fuse is replaced.
If you lose the fuse cover the plug must not be used until a replacement cover is obtained.
A replacement fuse cover can be purchased from your local dealer.

CAUTION!
IF THE FITTED MOULDED PLUG IS UNSUITABLE FOR THE SOCKET OUTLET IN YOUR HOME THEN THE FUSE SHOULD BE REMOVED AND THE PLUG CUT OFF AND DISPOSED OF SAFELY.
THERE IS A DANGER OF SEVERE ELECTRICAL SHOCK IF THE CUT OFF PLUG IS INSERTED INTO ANY 13-AMPERE SOCKET.

If a new plug is to be fitted please observe the wiring code as shown below.
If in any doubt please consult a qualified electrician.

IMPORTANT

The wires in this mains lead are coloured in accordance with the following code:
Blue: Neutral, Brown: Live.
As these colours may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:
The wire which is coloured Blue must be connected to the terminal which is marked with the letter N or coloured Black or Blue.
The wire which is coloured Brown must be connected to the terminal which is marked with the letter L or coloured Brown or Red.

WARNING: DO NOT CONNECT EITHER WIRE TO THE EARTH TERMINAL WHICH IS MARKED WITH THE LETTER E, BY THE EARTH SYMBOL ⏚ OR COLOURED GREEN OR GREEN/YELLOW.

THIS PLUG IS NOT WATERPROOF—KEEP DRY.

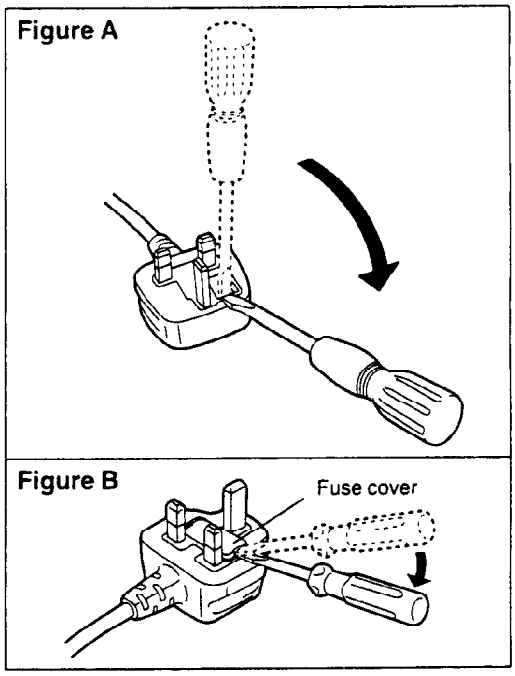
Before use

Remove the connector cover.

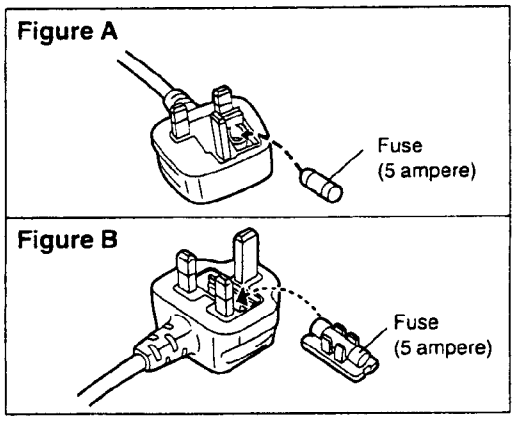
How to replace the fuse

The location of the fuse differ according to the type of AC mains plug (figures A and B). Confirm the AC mains plug fitted and follow the instructions below.
Illustrations may differ from actual AC mains plug.

1. Open the fuse cover with a screwdriver.



2. Replace the fuse and close or attach the fuse cover.



Replacement Parts List [Correction]

Note: • Important safety notice:

Components identified by ⚠ mark have special characteristics important for safety.

Furthermore, special parts which have purposes of fire-retardant (resistors), high-quality sound (capacitors), low-noise (resistors), etc. are used.

When replacing any of components, be sure to use only manufacturer's specified parts shown in the parts list.

- The parenthesized indications in the Remarks columns specify the areas. (Refer to the cover page for area.)

  Parts without these indications can be used for all areas.
- Remote Control Ass'y: Supply period for three years from termination of production.
- [MB] Indicates in Remarks columns parts that are supplied by MBV.
- [M] Indicates in Remarks columns parts that are suppledby MESA.
- Warning: This product uses a laser diode. Refer to caution statements on page 2.
- ACHTUNG: Die Lasereinheit nicht zerlegen.
  Die Lasereinheit darf nur gegen eine vom Hersteller spezifizierte Einheit ausgetauscht werden.
- Capacity values are in microfarads (μF) unless specified otherwise, P = Pico-farads (pF) F = Farads (F)
- Resistance values are in ohms, unless specified otherwise, 1K = 1,000 (OHM), 1M = 1,000k (OHM).
- The reference number SA represent the grease and tool used for this unit.
- The "<IA>, <IB>, <IC>, <ID>, <IE>" marks in Remarks indicate language of instruciton manual.

<IA>: English, Spanish, Swedish, Russian	<ID>: German, Italy, French
<IB>: Polish, Czech	<IE>: Dutch, Danish
<IC>: English	

SL-PS770D

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	RKM0152-K	CABINET	1	[MB]
2	RYP0757Z-K	FRONT PANEL ASS'Y	1	[MB]
2-1	RGU1145A-K	MAIN BUTTON	1	[MB]
2-2	RGU1146A-K	SUB BUTTON	1	[MB]
2-3	RKW0359A-R	FL PANEL	1	[MB]
3	RFKHLPS770DA	REAR PANEL ASS'Y	1	(E,EG) [MB]
3	RFKHLPS770DB	REAR PANEL ASS'Y	1	(EB) [MB]
4	RKU0052-K1	BOTTOM BASE	1	[MB]
5	RMK0179-A	BOTTOM CHASSIS	1	[MB]
6	RHD30035-K1	SCREW	4	[M]
7	XTBS3+8JF21	SCREW	7	[M]
8	REX0577	CABLE ASS'Y(6P)	1	[MB]
9	RGK0676-K	ORNAMENT	1	[MB]
10	RHD30052	SCREW	4	[MB]
11	RHD30053	SCREW	3	[MB]
12	RKA0040B-K1	FOOT	4	[MB]
13	RMR0377-1	P.C.B. SUPPORT	6	[MB]
14	RMR0810-W	SPACER	2	[MB]
15	RWJ5223130EE	FFC(23P)	1	[MB]
16	RWJ6406120XX	FLAT CABLE(6P)	1	[MB]
17	XTB3+10GFZ	SCREW	13	[M]
18	RMR0811-K	FL HOLDER	1	[MB]
19	RWJ6405150XX	FLAT CABLE(5P) (FC651)	1	[MB]
20	RGL0267-Q	LED INDICATOR	1	[MB]
21	RGW0048-1K	H.P. VOLUME KNOB	1	[MB]
22	RHD26021	SCREW	13	[MB]
23	RMN0298	HOLDER	1	[MB]
24	RMR0818-K	LED COVER	1	[MB]
25	RMV0079	SHEET(MAIN BUTTON)	1	[MB]
26	RMV0080	SHEET(SUB BUTTON)	1	[MB]
27	RWJ6807450XX	FLAT CABLE(7P)	1	[MB]
28	RGU1029-K	POWER BUTTON	1	[MB]
29	XTBR3+20JFZ	SCREW	3	[MB]
30	XTB3+10JFZ	SCREW	3	[M]
101	RGQ0130-K	TRAY	1	[MB]
102	RFKJLPG460AE	MECHANISM CHASSIS ASS'Y	1	[MB]
103	RMR0719-W1	MID. CHASSIS	1	[MB]
104	RAE1100Z-2	TRAVERSE UNIT	1	[MB]
105	REX0576	CABLE ASS'Y	1	[MB]
106	RHD30047	SCREW	1	[MB]
107	RMG0337-K	DAMPING RUBBER	1	[MB]
108	RMG0337-Q	DAMPING RUBBER	3	[MB]
109	RMR0750-W	STOPPER	1	[MB]
110	XTBS26+8J	SCREW	2	[M]
111	RDG0142	RELAY GEAR	1	[M]
112	RDG0259	DRIVE GEAR	1	[MB]
113	RDP0065	RELAY PULLY	1	[M]
114	REM0047	MOTOR ASS'Y	1	[MB]
115	RME0063	LOCK LEVER SPRING	1	[M]
116	RME0087	ASSIST SPRING	1	[M]
117	RMG0158	BELT	1	[M]
118	RMG0338-Q	STOPPER RUBBER	1	[MB]
119	RML0177	CHANGE LEVER	1	[M]
120	RML0352	LOCK LEVER	1	[MB]
121	RMM0112	SLIDE PLATE 1	1	[MB]
122	RMM0113	SLIDE PLATE 2	1	[MB]
123	RMR0721-K	GEAR COVER	1	[MB]
124	RHD20009-1	SCREW	1	[M]
125	RFKNLPG460AA	DRIVE PACK ASS'Y	1	[MB]
126	XTB3+8JFZ	SCREW	2	[M]
127	XYN2+F6FZ	SCREW	2	[M]
128	RFKNLPG460AB	CLAMP BASE ASS'Y	1	[MB]
129	RFKNLPG460AC	CLAMPER ASS'Y	1	[MB]
A1	EUR642101	REMOTE CONTROL	1	[MB]

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
A1-1	UR64EC1326	BATTERY COVER	1	[MB]
⚠ A2	RJA0043-C	AC MAINS LEAD	1	(E,EG) [MB]
⚠ A2	RJA0044-C	AC MAINS LEAD	1	(EB) [MB]
A3	RQT3856-D	INSTRUCTION MANUAL	1	(EG) [MB]<1D>
A3	RQT3857-E	INSTRUCTION MANUAL	1	(E) [MB]<1A>
A3	RQT3858-B	INSTRUCTION MANUAL	1	(EB) [MB]<1C>
A3	RQT3994-H	INSTRUCTION MANUAL	1	(EC) [MB]<1E>
A3	RQT3995-R	INSTRUCTION MANUAL	1	(E) [MB]<1B>
A4	SJP2249-3	STEREO CONNECTION CABLE	1	[M]
A5	RQA0117	WARRANTY CARD	1	[M]
A6	RQCB0169	SERVICE CENTER LIST	1	[M]
C1	ECFTD103KXL	S.CAPACITOR 50V 0.01U	1	[M]
⚠ C11	ECA1CM222B	.CAPACITOR 16V 2200U	1	[M]
C12	ECBT1C103NS5	C.CAPACITOR 16V 0.01U	1	[M]
C13	ECEA1AKA330B	E.CAPACITOR 10V 33U	1	[M]
C14	ECEA0JKA470B	E.CAPACITOR 6.3V 47U	1	[M]
⚠ C15,16	ECA1EPT471ZE	.CAPACITOR 25V 470U	2	[MB]
C17,18	ECEA1HU101	E.CAPACITOR 50V 100U	2	[M]
C20,21	ECA1EPXS101B	.CAPACITOR 25V 100U	2	[M]
C22	ECEA1AU331	E.CAPACITOR 10V 330U	1	[M]
C23,24	ECA1APXS101B	.CAPACITOR 10V 100U	2	[M]
C31,32	ECBT1H102KB5	C.CAPACITOR 50V 1000P	2	[M]
C33,34	ECA1APXS101B	.CAPACITOR 10V 100U	2	[M]
C51	ECEA1AKA220B	E.CAPACITOR 10V 22U	1	[M]
C304	ECEA0JKA101B	E.CAPACITOR 6.3V 100U	1	[M]
C311	ECFR1E104ZF5	S.CAPACITOR 25V 0.1U	1	[M]
C401	ECFR1E104ZF5	S.CAPACITOR 25V 0.1U	1	[M]
C402	ECEA0JU102	E.CAPACITOR 6.3V 1000U	1	[M]
C404	ECFR1E104ZF5	S.CAPACITOR 25V 0.1U	1	[M]
C405	ECEA0JKA101B	E.CAPACITOR 6.3V 100U	1	[M]
C703	ECEA0JKA101I	E.CAPACITOR 6.3V 100U	1	[M]
C704	ECFR1E104ZF5	S.CAPACITOR 25V 0.1U	1	[M]
C705	ECEA1HKA010I	E.CAPACITOR 50V 1U	1	[M]
C706	ECBT1H101KB5	C.CAPACITOR 50V 100P	1	[M]
C707	ECFR1C273KR	S.CAPACITOR 16V 0.027U	1	[M]
C708	ECBT1C472MR5	C.CAPACITOR 16V 4700P	1	[M]
C709	ECFR1C473KR	S.CAPACITOR 16V 0.047U	1	[M]
C714	ECEA0JKA101I	E.CAPACITOR 6.3V 100U	1	[M]
C716	ECBT1H561KB5	C.CAPACITOR 50V 560P	1	[M]
C717	ECFR1E104ZF5	S.CAPACITOR 25V 0.1U	1	[M]
C718	RCQ52C0224J9	.CAPACITOR 63V 0.22U	1	[MB]
C721,722	ECBT1H270J5	.CAPACITOR 50V 27P	2	[M]
C723	ECEA0JKA221I	E.CAPACITOR 6.3V 220U	1	[M]
C724	ECFR1E104ZF5	S.CAPACITOR 25V 0.1U	1	[M]
C725,726	ECBT1H102KB5	C.CAPACITOR 50V 1000P	2	[M]
C727,728	ECEA1HKA010I	E.CAPACITOR 50V 1U	2	[M]
C730	ECFR1E104ZF5	S.CAPACITOR 25V 0.1U	1	[M]
C731,732	ECEA0JKA221I	E.CAPACITOR 6.3V 220U	2	[M]
C733	ECFR1E104ZF5	S.CAPACITOR 25V 0.1U	1	[M]
C734	ECEA1AKA221I	E.CAPACITOR 10V 220U	1	[M]
C735-737	ECBT1E223ZF	C.CAPACITOR 25V 0.022U	3	[M]
C738	ECFR1C183KR	S.CAPACITOR 16V 0.018U	1	[M]
C739	ECBT1C152MR5	C.CAPACITOR 16V 1500P	1	[M]
C740	ECBT1C272MR5	C.CAPACITOR 16V 2700P	1	[M]
C742	ECFR1C273KR	S.CAPACITOR 16V 0.027U	1	[M]
C743	ECBT1E223ZF	C.CAPACITOR 25V 0.022U	1	[M]
C744	ECBT1C822MS5	C.CAPACITOR 16V 8200P	1	[M]
C747,748	ECBT1C103NS5	C.CAPACITOR 16V 0.01U	2	[M]
C751	ECEA1CKA100I	E.CAPACITOR 16V 10U	1	[M]
C752	ECFR1E104ZF5	S.CAPACITOR 25V 0.1U	1	[M]
C765	ECBT1H331KB5	C.CAPACITOR 50V 330P	1	[M]
C766	ECBT1H391KB5	C.CAPACITOR 50V 390P	1	[M]
C767	ECEA1HKN010I	E.CAPACITOR 50V 1U	1	[M]
C768	ECFR1E682KR	S.CAPACITOR 25V 6800P	1	[M]
C769	ECBT1C222MR5	C.CAPACITOR 16V 2200P	1	[M]
C772-775	ECFR1E104ZF5	S.CAPACITOR 25V 0.1U	4	[M]
C776	ECBT1H180J5	C.CAPACITOR 50V 18P	1	[M]
C777	ECBT1H680J5	C.CAPACITOR 50V 68P	1	[M]
C781	ECEA1AKA101I	E.CAPACITOR 10V 100U	1	[M]
C801,802	ECBT1H101KB5	C.CAPACITOR 50V 100P	2	[M]
C805-808	ECBT1H102KB5	C.CAPACITOR 50V 1000P	4	[M]
C809-812	ECBT1H101KB5	C.CAPACITOR 50V 100P	4	[M]
C813,814	ECHR1H122JZ3	.CAPACITOR 50V 1200P	2	[M]
C815,816	ECBT1H151KB5	C.CAPACITOR 50V 150P	2	[M]

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C817,818	ECA1CPXS470B	.CAPACITOR 16V 47U	2	[M]
C819,820	ECBT1H102KB5	C.CAPACITOR 50V 1000P	2	[M]
C821	ECFR1E104ZF5	S.CAPACITOR 25V 0.1U	1	[M]
C831-836	RCE1CSG100BX	.CAPACITOR 16V 10U	6	[MB]
C838	ECBT1C103NS5	C.CAPACITOR 16V 0.01U	1	[M]
C840-842	ECBT1C103NS5	C.CAPACITOR 16V 0.01U	3	[M]
C843,844	ECBT1H150J5	C.CAPACITOR 50V 15P	2	[M]
C845	ECEA0JKA101B	E.CAPACITOR 6.3V 100U	1	[M]
C846	ECFR1E104ZF5	S.CAPACITOR 25V 0.1U	1	[M]
C847	ECEA0JKA101B	E.CAPACITOR 6.3V 100U	1	[M]
C848	ECFR1E104ZF5	S.CAPACITOR 25V 0.1U	1	[M]
C849	ECBT1H101KB5	C.CAPACITOR 50V 100P	1	[M]
C851,852	ECE1ASG101BX	.CAPACITOR 10V 100U	2	[MB]
C853	ECEA1CU102B	E.CAPACITOR 16V 1000U	1	[M]
C857	ECBT1C103NS5	C.CAPACITOR 16V 0.01U	1	[M]
C859	ECBT1C103NS5	C.CAPACITOR 16V 0.01U	1	[M]
C861	ECFTD103KXL	S.CAPACITOR 50V 0.01U	1	[M]
C862	ECBT1H101KB5	C.CAPACITOR 50V 100P	1	[M]
C863	ECFR1E104ZF5	S.CAPACITOR 25V 0.1U	1	[M]
C864	ECBT1H101KB5	C.CAPACITOR 50V 100P	1	[M]
C865	ECFR1E104ZF5	S.CAPACITOR 25V 0.1U	1	[M]
C866-869	ECBT1H220J5	C.CAPACITOR 50V 22P	4	[M]
C870	ECBT1H101KB5	C.CAPACITOR 50V 100P	1	[M]
C871,872	ECEA1EKN3R3B	E.CAPACITOR 25V 3.3U	2	[M]
C873,874	ECQB1H103JF3	P.CAPACITOR 50V 0.01U	2	[M]
C875-879	ECBT1C103NS5	C.CAPACITOR 16V 0.01U	5	[M]
C880	ECBT1H101KB5	C.CAPACITOR 50V 100P	1	[M]
C881,882	ECEA1AN101XB	E.CAPACITOR 10V 100U	2	[M]
C892	ECBT1C103NS5	C.CAPACITOR 16V 0.01U	1	[M]
C895	ECBT1C103NS5	C.CAPACITOR 16V 0.01U	1	[M]
CN11	RJS1A6606	SOCKET(6P)	1	[M]
CN21	RJS1A6606	SOCKET(6P)	1	[M]
CN401	RJS1A6823	SOCKET(23P)	1	[M]
CN402	RJT029W06VT	CONNECTOR(6P)	1	[M]
CN411,412	RJU076W20M	SOCKET(20P)	2	[M]
CN611,612	RJT076W20M	CONNECTOR(20P)	2	[MB]
CN701	RJS12Q9ZA	SOCKET(12P)	1	[MB]
CN702	RJS1A6723-1Q	SOCKET(23P)	1	[M]
CN703	RJT029W06VT	CONNECTOR(6P)	1	[M]
CN781	RJP6G17ZA	PLUG(6P)	1	[M]
CN871	RJS2A2107T	SOCKET(7P)	1	[MB]
CN891	RJS2A2107T	SOCKET(7P)	1	[MB]
⚠ D11-18	1D3-E	DIODE	8	[MB]
⚠ D19	MA4330MTA	DIODE	1	[M]
⚠ D21,22	MA4082MTA	DIODE	2	[M]
⚠ D23,24	MA4056MTA	DIODE	2	[M]
D25,26	1SS254TA	DIODE	2	[M]
D31,32	1SS254TA	DIODE	2	[M]
⚠ D33,34	MA4091-M	DIODE	2	[M]
D41,42	1SS254TA	DIODE	2	[M]
D51	MA4039MTA	DIODE	1	[M]
D301-305	1SS254TA	DIODE	5	[M]
⚠ D401	MA4056MTA	DIODE	1	[M]
D601-606	1SS254TA	DIODE	6	[M]
D651	SLR325LCT31	L.E.D.	1	[MB]
D652	SLR325DCT31	L.E.D.	1	[M]
D653	SLR-325MC	L.E.D.	1	[M]
D701	1SS254TA	DIODE	1	[M]
D801,802	1SS254TA	DIODE	2	[M]
D831-838	1SS254TA	DIODE	8	[M]
D841-848	1SS254TA	DIODE	8	[M]
D851	1D3-E	DIODE	1	[MB]
D861	1SS254TA	DIODE	1	[M]
FL601	RSL0188-F	DISPLAY TUBE	1	[MB]
GND871	RMC0184	EARTH PLATE	1	[M]
⚠ IC11	LM2940T5	IC	1	[M]
IC401	UPD78042A014	IC	1	[MB]
IC651	RCDHC-278N	IC	1	[M]
IC701	AN88D5SBE1	IC	1	[MB]
IC702	MN662713RG1	IC	1	[MB]

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC703	AN8389SE1	IC	1	[M]
IC781	TA7291SA	IC	1	[M]
IC801	MN64733	IC	1	[M]
IC802,803	NJM4580EDTE1	IC	2	[M]
IC804,805	SVIM5238FP	IC	2	[M]
IC806	NJM4580EDTE1	IC	1	[M]
IC871	BA4560N	IC	1	[M]
IC891	NJM4580EDTE1	IC	1	[M]
⚠ JK1	SJS9236	AC INLET	1	[M]
JK301	TOTX176	OPTICAL OUT	1	[MB]
JK801	RJH3201N	LINE OUT	1	[M]
JK871	QJA0455ZC-A	HEADPHONES JACK	1	[M]
L841	RLQZN3R3KL-D	COIL	1	[MB]
L871-873	RLQZN3R3KL-D	COIL	3	[MB]
L874	RLQZN4R7KL-D	COIL	1	[M]
P1	RPG3388	PACKING CASE	1	[MB]
P2	RPN0842	CUSHION	1	[MB]
P3	XZB23X35CO3	PROTECTION BAG(F.B.)	1	[M]
P4	VZZ0025	PROTECTION BAG	1	[M]
⚠ Q11	2SD2037EFTA	TRANSISTOR	1	[M]
⚠ Q12	2SB1240-P	TRANSISTOR	1	[M]
⚠ Q13	2SD1862QRTV6	TRANSISTOR	1	[M]
⚠ Q15	2SA933SQR	TRANSISTOR	1	[M]
⚠ Q16	2SB1238QSTV6	TRANSISTOR	1	[M]
⚠ Q17	2SC1740SQ	TRANSISTOR	1	[M]
⚠ Q18	2SA933SQR	TRANSISTOR	1	[M]
Q19,20	2SD1450RTA	TRANSISTOR	2	[M]
Q21	DTA124ESTP	TRANSISTOR	1	[M]
Q22	2SC1740SQ	TRANSISTOR	1	[M]
⚠ Q23	2SD2037EFTA	TRANSISTOR	1	[M]
⚠ Q31	2SD1862QRTV6	TRANSISTOR	1	[M]
⚠ Q32	2SB1240-P	TRANSISTOR	1	[M]
⚠ Q33	2SK982TPE2	TRANSISTOR	1	[M]
⚠ Q34	2SJ148TPE2	TRANSISTOR	1	[M]
Q41	DTA124ESTP	TRANSISTOR	1	[M]
Q51,52	2SC1740SQ	TRANSISTOR	2	[M]
⚠ Q401,402	2SD1862QRTV6	TRANSISTOR	2	[M]
Q751	2SA933SQR	TRANSISTOR	1	[M]
Q752	2SC1740SQ	TRANSISTOR	1	[M]
Q801,802	2SC1740SQ	TRANSISTOR	2	[M]
Q803,804	2SD1450RTA	TRANSISTOR	2	[M]
Q805,806	DTA124ESTP	TRANSISTOR	2	[M]
Q851	DTC124EST	TRANSISTOR	1	[M]
Q853	DTA114ESTP	TRANSISTOR	1	[M]
Q871,872	2SD1450RTA	TRANSISTOR	2	[M]
Q880	DTA114ESTP	TRANSISTOR	1	[M]
Q891	2SC1740SQ	TRANSISTOR	1	[M]
Q892,893	2SA933SQR	TRANSISTOR	2	[M]
R1	ERQ16NKWR15E	F.RESISTOR 1W 0.15	1	[M]
R12,13	ERDS2TJ222	C.RESISTOR 1/4W 2.2K	2	[M]
R16	ERDS2TJ680T	C.RESISTOR 1/4W 68	1	[M]
R17	ERDS2TJ471	C.RESISTOR 1/4W 470	1	[M]
R18	ERDS2TJ473	C.RESISTOR 1/4W 47K	1	[M]
R19	ERDS2TJ472	C.RESISTOR 1/4W 4.7K	1	[M]
R20	ERDS2TJ223	C.RESISTOR 1/4W 22K	1	[M]
R21,22	ERDS2FJ102	C.RESISTOR 1/4W 1K	2	[M]
R23	ERDS2FJ103	C.RESISTOR 1/4W 10K	1	[M]
R24-27	ERDS2TJ1R0	C.RESISTOR 1/4W 1.0	4	[M]
R28,29	ERDS2FJ103	C.RESISTOR 1/4W 10K	2	[M]
R30	ERDS2TJ223	C.RESISTOR 1/4W 22K	1	[M]
R31,32	ERDS2TJ471	C.RESISTOR 1/4W 470	2	[M]
R33,34	ERDS2FJ105	C.RESISTOR 1/4W 1M	2	[M]
R41	ERDS2TJ222	C.RESISTOR 1/4W 2.2K	1	[M]
R51	ERDS2TJ331	C.RESISTOR 1/4W 330	1	[M]
R52	ERDS2TJ272T	C.RESISTOR 1/4W 2.7K	1	[M]
R53,54	ERDS2TJ472	C.RESISTOR 1/4W 4.7K	2	[M]
R308	ERDS2TJ470	C.RESISTOR 1/4W 47	1	[M]
R310	ERDS2FJ102	C.RESISTOR 1/4W 1K	1	[M]
R311	ERDS2TJ822	C.RESISTOR 1/4W 8.2K	1	[M]
R312	ERDS2TJ331	C.RESISTOR 1/4W 330	1	[M]

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R401	ERDS2FJ102	C.RESISTOR 1/4W 1K	1	[M]
R403,404	ERDS2FJ103	C.RESISTOR 1/4W 10K	2	[M]
R405,406	ERDS2TJ471	C.RESISTOR 1/4W 470	2	[M]
R407	ERDS2FJ101	C.RESISTOR 1/4W 100	1	[M]
R408-412	ERDS2FJ103	C.RESISTOR 1/4W 10K	5	[M]
R414,415	ERDS2FJ103	C.RESISTOR 1/4W 10K	2	[M]
R451	ERDS2TJ471	C.RESISTOR 1/4W 470	1	[M]
R601,602	ERDS2FJ100	C.RESISTOR 1/4W 10	2	[M]
R651	ERDS2TJ221	C.RESISTOR 1/4W 220	1	[M]
R652	ERDS2TJ331	C.RESISTOR 1/4W 330	1	[M]
R653	ERDS2TJ151	C.RESISTOR 1/4W 150	1	[M]
R701	ERDS2TJ561	C.RESISTOR 1/4W 560	1	[M]
R703	ERDS2TJ823T	C.RESISTOR 1/4W 82K	1	[M]
R707,708	ERDS2TJ334	C.RESISTOR 1/4W 330K	2	[M]
R709	ERDS2TJ683	C.RESISTOR 1/4W 68K	1	[M]
R711	ERDS2TJ154	C.RESISTOR 1/4W 150K	1	[M]
R712	ERDS2TJ221	C.RESISTOR 1/4W 220	1	[M]
R717,718	ERDS2FJ102	C.RESISTOR 1/4W 1K	2	[M]
R721	ERDS2FJ101	C.RESISTOR 1/4W 100	1	[M]
R722	ERDS2TJ683	C.RESISTOR 1/4W 68K	1	[M]
R723	ERDS2TJ183T	C.RESISTOR 1/4W 18K	1	[M]
R724	ERDS2FJ333	C.RESISTOR 1/4W 33K	1	[M]
R725	ERDS2TJ472	C.RESISTOR 1/4W 4.7K	1	[M]
R726	ERDS2TJ474	C.RESISTOR 1/4W 470K	1	[M]
R727	ERDS2TJ153	C.RESISTOR 1/4W 15K	1	[M]
R728	ERDS2TJ822	C.RESISTOR 1/4W 8.2K	1	[M]
R731	ERDS2TJ223	C.RESISTOR 1/4W 22K	1	[M]
R732	ERDS2TJ183T	C.RESISTOR 1/4W 18K	1	[M]
R733	ERDS2TJ822	C.RESISTOR 1/4W 8.2K	1	[M]
R735,736	ERDS2FJ101	C.RESISTOR 1/4W 100	2	[M]
R745	ERDS2TJ155	C.RESISTOR 1/4W 1.5M	1	[M]
R751	ERDS2FJ102	C.RESISTOR 1/4W 1K	1	[M]
R752,753	ERDS2TJ392T	C.RESISTOR 1/4W 3.9K	2	[M]
R754	ERDS2FJ103	C.RESISTOR 1/4W 10K	1	[M]
R761,762	ERDS2FJ103	C.RESISTOR 1/4W 10K	2	[M]
R763	ERDS2TJ823T	C.RESISTOR 1/4W 82K	1	[M]
R764	ERDS2TJ393	C.RESISTOR 1/4W 39K	1	[M]
R765	ERDS2TJ224T	C.RESISTOR 1/4W 220K	1	[M]
R766	ERDS2FJ104	C.RESISTOR 1/4W 100K	1	[M]
R772,773	ERDS2TJ220T	C.RESISTOR 1/4W 22	2	[M]
R775,776	ERDS2TJ392T	C.RESISTOR 1/4W 3.9K	2	[M]
R777	ERDS2FJ102	C.RESISTOR 1/4W 1K	1	[M]
R801-804	ERDAS3G331T	C.RESISTOR 1/4W 330	4	[M]
R805-808	ERDAS3G332T	C.RESISTOR 1/4W 3.3K	4	[M]
R809-822	ERDS2FJ103	C.RESISTOR 1/4W 10K	14	[M]
R823,824	ERDS2FJ471	1/4W 470	2	[M]
R825,826	ERDS2FJ102	C.RESISTOR 1/4W 1K	2	[M]
R827,828	ERDS2TJ330	C.RESISTOR 1/4W 33	2	[M]
R829,830	ERDS2FJ331	C.RESISTOR 1/4W 330	2	[M]
R831,832	ERDS2FJ473	1/4W 47K	2	[M]
R833,834	ERDS2TJ333	C.RESISTOR 1/4W 33K	2	[M]
R835-838	ERDS2TJ470	C.RESISTOR 1/4W 47	4	[M]
R841,842	ERDS2FJ103	C.RESISTOR 1/4W 10K	2	[M]
R851	ERDS2FJ101	C.RESISTOR 1/4W 100	1	[M]
R852	ERDS2TJ222	C.RESISTOR 1/4W 2.2K	1	[M]
R861,862	ERDS2TJ563	C.RESISTOR 1/4W 56K	2	[M]
R870	ERDS2FJ471	C.RESISTOR 1/4W 470	1	[M]
R871,872	ERDS2TJ473	C.RESISTOR 1/4W 47K	2	[M]
R873-876	ERDS2FJ104	C.RESISTOR 1/4W 100K	4	[M]
R880	ERDS2FJ471	C.RESISTOR 1/4W 470	1	[M]
R885,886	ERDS2TJ222	C.RESISTOR 1/4W 2.2K	2	[M]
R887,888	ERDS2FJ101	C.RESISTOR 1/4W 100	2	[M]
R889,890	ERDS2TJ473	C.RESISTOR 1/4W 47K	2	[M]
R891,892	ERDS2FJ102	C.RESISTOR 1/4W 1K	2	[M]
S601-630	EVQ21405R	SW	30	[M]
S651	EVQ21405R	SW	1	[M]
S781,782	RSH1A005	SW	2	[M]
SA1	RFKXEM30L	GREASE	1	[M]
SA2	SZZP1054C	TEST DISC	1	[M]
⚠ T1	RTP1K4B020A	POWER TRANSFORMER	1	[MB]
VR871	EWCU1A016A15	V.R	1	[MB]

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
X401	RSXY4M23M01T	OSCILLATOR	1	[M]
X701	RSXZ16M9M01T	OSCILLATOR	1	[M]
X801	RSXA33M8J01T	OSCILLATOR	1	[MB]
Z831-834	EXCELDR35V	COMBINATION PART	4	[M]
Z851	EXCELDR35V	COMBINATION PART	1	[M]

Printed in Germany
MBV K9711HH/YH